Index to volume 32, 1975

A

Absenteeism among survivors of Hiroshima atomic bombing, 193

Acrylamide, neurotoxicity, and of its analogues, and effects of these analogues on acrylamide neuropathy, 31

Activity, ventilatory costs, 220

ADAMS, W. G. F.: Long-term effects on the health of men engaged in the manufacture of tolylene diisocyanate, 72

Alcoholism and drug dependence. Third International Conference, Liverpool, 4 to 9 April 1976, announcement, 336

ALHAVA, E. M., *see* KARJALAINEN, P. *et al.*

American Academy of Clinical Toxicology, 1975 Annual Meeting, 8-10 August, 1975, Kansas City, announcement, 174

AMINE, E. K., *see* NOWEIR, M. H. *et al.*

δ-Aminolevulinate dehydratase and glutathione reductase system in erythrocytes, *in vivo* effect of inorganic cadmium and lead, 181

ANCA, Z., *see* GABOR, S., and ANCA, Z.

Aniline, nitrobenzene, and benzene, effect of repeated exposure on liver microsomal metabolism, rat, 42

Asbestos, effect on lipid peroxidation in red cells, 39

————bodies, prevalence in necropsy series, East London, association with disease, occupation, and domiciliary address, 16

Asthma, occupational, after inhalation of dust of proteolytic enzyme, papain, 302

Atomic bombing, Hiroshima, absenteeism among survivors, 193

Autoradiography, whole-body, use in study of effect of hydrofluoric acid on glucose metabolism, mouse, 316

B

BARRY, P. S. I.: A comparison of concentrations of lead in human tissues, 119

Benzene, chronic exposure, sex difference, special reference to body fat content, kinetic studies, 321

————nitrobenzene, and aniline, effect of repeated exposure on liver microsomal metabolism, rat, 42

————and toluene, determination in blood, syringe-equilibration method, 210

BLACKADDER, E. S., and MANDERSON, W. G.: Occupational absorption of tellurium: a report of two cases, 59

Bladder tumours, occupational, dye industry, Japan, epidemiological study, 203

BLOT, W. J., *see* MEIGS, J. W. *et al.*

Bone mineral, and thenar blood flow in forearms of lumberjacks, 11

Book reviews:

BALLANTYRE, B., *editor:* Forensic toxicology. Proceedings of a symposium held at the Chemical Defence Establishment, Porton Down, 29-30 June 1972, 1974. 172

BOUTHUYS, A.: Breathing. Physiology, environment and lung disease, 1974. 251

BRAESTRUP, C. B. and VIKTERLÖF, K. J.: Manual on radiation protection in hospitals and general practice, Vol. I, Basic protection requirements, 1974. 252

British Standards Institution: DD 32: 1973 guide to the evaluation of human exposure to whole-body vibration, n.d., 82

BROOKS, B. M., RUFFELL-SMITH, H. P., and WARD, J. S.: An investigation of factors affecting the use of buses by both elderly and ambulant disabled persons, 1974. 171

CHRENKO F. A., *editor:* Bedford's Basic principles of ventilation and heating, 3rd ed, n.d. 252

DIRECTORATE GENERAL FOR DISSEMINATION OF INFORMATION, *editor:* Reliability and safety. Factors for the ergonomics of systems in an industrial environment. Studies of industrial physiology and psychology. Study No. 7, 1972. 173

FISHER, A. A.: Contact dermatitis, 2nd ed., 1973. 79

FORSSMAN, S., and COPPEÉ, G. H.: Occupational health problems of young workers, 1974. 170

FRANCIS, E., *editor:* Dust control in building and excavation work. Proceedings of a symposium in N.S.W. Australia, 27th July 1973. 173

GLATTHAAR, W. E. F. L.: Anglo-American corporation (Central Africa) Limited. Annual Report on the medical services of Nchango Consolidated Copper Mines Limited for the year 1972, 1973. 80

HAMILTON, A. and HARDY, H. L.: Industrial toxicology, 3rd edition, 1974. 173

HOWE, G. M. and LORAINE, J. A., *editors:* Environmental medicine, 1974. 81

INDUSTRIAL COUNCIL FOR TROPICAL HEALTH: Industry and tropical health VIII. Proceedings of the 8th Conference, 3-5 April, 1973, 1974, 334

IZMEROV, N. F.: Control of air pollution in the USSR, 1973. 79

KINTARAS, C., JOHNSON, B. L., and DE GROOT, I.: *editors:* Behavioural toxicology. Early detection of occupational hazards, 1974. 251

MCKEOWN, T. and LOWE, C. R.: An introduction to social medicine, 2nd ed., 1974. 81

MARKS, J. H.: Rand Mines Limited. Report for the year 1972 on the Health Department, 1973. 80

MEDICAL RESEARCH COUNCIL: The toxicity of plutonium, 1975, 253

NATIONAL COAL BOARD: National Coal Board medical service annual report 1972-1973, 335

NATIONAL RADIOLOGICAL PROTECTION BOARD: The work of the NRPB 1970/73. 1974, 335

O'CONNOR, M. and WOODFORD, F. P.: Writing scientific papers in English, 1975, 336

POTTER, J. M.: The practical management of head injuries, 3rd edition, 1974. 172

Index to volume 32, 1975

A

Absenteeism among survivors of Hiroshima atomic bombing, 193

Acrylamide, neurotoxicity, and of its analogues, and effects of these analogues on acrylamide neuropathy, 31

Activity, ventilatory costs, 220

ADAMS, W. G. F.: Long-term effects on the health of men engaged in the manufacture of tolylene diisocyanate, 72

Alcoholism and drug dependence. Third International Conference, Liverpool, 4 to 9 April 1976, announcement, 336

ALHAVA, E. M., *see* KARJALAINEN, P. *et al.*

American Academy of Clinical Toxicology, 1975 Annual Meeting, 8-10 August, 1975, Kansas City, announcement, 174

AMINE, E. K., *see* NOWEIR, M. H. *et al.*

δ-Aminolevulinate dehydratase and glutathione reductase system in erythrocytes, *in vivo* effect of inorganic cadmium and lead, 181

ANCA, Z., *see* GABOR, S., and ANCA, Z.

Aniline, nitrobenzene, and benzene, effect of repeated exposure on liver microsomal metabolism, rat, 42

Asbestos, effect on lipid peroxidation in red cells, 39

————bodies, prevalence in necropsy series, East London, association with disease, occupation, and domiciliary address, 16

Asthma, occupational, after inhalation of dust of proteolytic enzyme, papain, 302

Atomic bombing, Hiroshima, absenteeism among survivors, 193

Autoradiography, whole-body, use in study of effect of hydrofluoric acid on glucose metabolism, mouse, 316

B

BARRY, P. S. I.: A comparison of concentrations of lead in human tissues, 119

Benzene, chronic exposure, sex difference, special reference to body fat content, kinetic studies, 321

————nitrobenzene, and aniline, effect of repeated exposure on liver microsomal metabolism, rat, 42

————and toluene, determination in blood, syringe-equilibration method, 210

BLACKADDER, E. S., and MANDERSON, W. G.: Occupational absorption of tellurium: a report of two cases, 59

Bladder tumours, occupational, dye industry, Japan, epidemiological study, 203

BLOT, W. J., *see* MEIGS, J. W. *et al.*

Bone mineral, and thenar blood flow in forearms of lumberjacks, 11

Book reviews:

BALLANTYRE, B., *editor:* Forensic toxicology. Proceedings of a symposium held at the Chemical Defence Establishment, Porton Down, 29-30 June 1972, 1974. 172

BOUTHUYS, A.: Breathing. Physiology, environment and lung disease, 1974. 251

BRAESTRUP, C. B. and VIKTERLÖF, K. J.: Manual on radiation protection in hospitals and general practice, Vol. I, Basic protection requirements, 1974. 252

British Standards Institution: DD 32: 1973 guide to the evaluation of human exposure to whole-body vibration, n.d., 82

BROOKS, B. M., RUFFELL-SMITH, H. P., and WARD, J. S.: An investigation of factors affecting the use of buses by both elderly and ambulant disabled persons, 1974. 171

CHRENKO F. A., *editor:* Bedford's Basic principles of ventilation and heating, 3rd ed, n.d. 252

DIRECTORATE GENERAL FOR DISSEMINATION OF INFORMATION, *editor:* Reliability and safety. Factors for the ergonomics of systems in an industrial environment. Studies of industrial physiology and psychology. Study No. 7, 1972. 173

FISHER, A. A.: Contact dermatitis, 2nd ed., 1973. 79

FORSSMAN, S., and COPPEÉ, G. H.: Occupational health problems of young workers, 1974. 170

FRANCIS, E., *editor:* Dust control in building and excavation work. Proceedings of a symposium in N.S.W. Australia, 27th July 1973. 173

GLATTHAAR, W. E. F. L.: Anglo-American corporation (Central Africa) Limited. Annual Report on the medical services of Nchango Consolidated Copper Mines Limited for the year 1972, 1973. 80

HAMILTON, A. and HARDY, H. L.: Industrial toxicology, 3rd edition, 1974. 173

HOWE, G. M. and LORAINE, J. A., *editors:* Environmental medicine, 1974. 81

INDUSTRIAL COUNCIL FOR TROPICAL HEALTH: Industry and tropical health VIII. Proceedings of the 8th Conference, 3-5 April, 1973, 1974, 334

IZMEROV, N. F.: Control of air pollution in the USSR, 1973. 79

KINTARAS, C., JOHNSON, B. L., and DE GROOT, I.: *editors:* Behavioural toxicology. Early detection of occupational hazards, 1974. 251

MCKEOWN, T. and LOWE, C. R.: An introduction to social medicine, 2nd ed., 1974. 81

MARKS, J. H.: Rand Mines Limited. Report for the year 1972 on the Health Department, 1973. 80

MEDICAL RESEARCH COUNCIL: The toxicity of plutonium, 1975, 253

NATIONAL COAL BOARD: National Coal Board medical service annual report 1972-1973, 335

NATIONAL RADIOLOGICAL PROTECTION BOARD: The work of the NRPB 1970/73. 1974, 335

O'CONNOR, M. and WOODFORD, F. P.: Writing scientific papers in English, 1975, 336

POTTER, J. M.: The practical management of head injuries, 3rd edition, 1974. 172

ROBSON, C.: Review of experiment, design, and statistics in psychology, 1974. 80
WALDRON, H. A. and STÖFEN, D.: Sub-clinical lead poisoning, 1974. 171
WELFORD, A. T., *editor:* Man under stress: Proceedings of the ninth annual conference of the Ergonomics Society of Australia and New Zealand, held in the University of Adelaide, 24-25 August 1972, 1974. 169
WHITCOMBE, J. L. C.: Anglo-American Corporation of South Africa Limited. Medical Consultant's Report for 1972, 1973. 80
WORLD HEALTH ORGANIZATION: Assessment of the carcinogenicity and mutagenicity of chemicals. Report of a WHO Scientific group. Technical report series 546, 1974. 170
WORLD HEALTH ORGANIZATION: Health aspects of environmental pollution control: planning and mentation of national programmes. Technical report series, 554, 1974, 334
WORLD HEALTH ORGANIZATION: WHO expert Committee on tuberculosis. 9th report. Technical report series 552, 1974. 169

BOUHUYS, A., *see* ŽUŠKIN, E. *et al.*
Bradford University, Management centre, rehabilitation needs of professional people, research programme, 253
BRAND, S., *see* MILNE, J. and BRAND, S.
Bronchial carcinomas in workers producing chromate pigments, cohort study, 62
BUCHET, J. P., *see* ROELS, H. A. *et al.*
BUTKOVIĆ, D., *see* ŽUŠKIN, E. *et al.*
Byssinosis, and airborne cotton dust, effect on guinea-pig ileum, 239
————family susceptibility and occupational and family histories, workers exposed to flax dust, epidemiological study, 297
————pilot study of closing volume, 235, erratum 336

C

Cadmium, blood determination, application to industry using a punched disc technique, 155
————and lead, *in vivo* effect on glutathione reductase system and δ-aminolevulinate dehydratase in erythrocytes, 181
CALLAGHAN, P., *see* MORGAN, D. C. *et al.*
Cancer, detection and prevention. Third International Symposium, New York City, 26 April to 1 May 1976, Announcement, 82
———scrotal, described by Percivall Pott; notes and miscellanea, 244
Carbon disulphide, effects of a single exposure on rate of urea production, and on plasma free fatty acid and glucose concentrations, rat, 140
Carboxyhaemoglobin levels of smokers and non-smokers working in City of London, 115
CASTLEDEN, C. M. and COLE, P. V.: Carboxyhaemoglobin levels of smokers and non-smokers working in the City of London, 115
CERNIK, A. A. and SAYERS, M. H. P.: Application of blood cadmium determination to industry using a punched disc technique, 155
Chest radiographs, reading for pneumoconiosis by computer, 267
———symptoms in farming communities with special reference to farmer's lung, 228
Chromate pigments, bronchial carcinomas in workers producing, cohort study, 62
CINKOTAI, F. F. and FRANKLIN, D. W.: An evaluation of effect of airborne dust from a cotton mill on the guinea-pig ileum with reference to byssinosis, 239
Circadian variation, in physiological responses to exercise on stationary bicycle ergometer, 110
Classification of radiological appearance and the derivation of numerical score, 273
Coir workers, clinical and radiographic study, 66
COLE, P. V., *see* CASTLEDEN, C. M. and COLE, P. V.
Coronary heart disease, in viscose rayon workers exposed to carbon disulphide, follow-up study, 1
COTES, J.: The ventilatory costs of activity, 220
Cotton, flax, and jute mills, dustiness, and airborne dusts, comparative study of the smooth muscle contractor activity, 289
CUNNINGHAM, V. J.: Effects of a single exposure to carbon disulphide on the rate of urea production and on plasma free fatty acid and glucose concentrations in the rat, 140
Cyanide, chronic exposure, clinical, radio-isotope, and laboratory study, 215

D

DAKHAKHNY, A-A. EL-, *see* EL-DAKHAKHNY, A-A.
DANCHEVA, N., *see* DOBREVA, M. *et al.*
DAVIES, C. T. M. and SARGEANT, A. J.: Circadian variation in physiological responses to exercise on a stationary bicycle ergometer, 110
DOBREVA, M., DANCHEVA, N., and HOLT, P. F.: Adsorption of syndiotactic and isotactic poly(2-vinylpyridine l-oxide) on quartz surface, 224
Dioxin, (2, 3, 7, 8 tetrachlorodibenzo 1, 4 dioxin), toxic effects in laboratory workers, 49
DJERASSI, L. S. and VITANY, L.: Haemolytic episode in G6 PD deficient workers exposed to TNT, 54
DONIACH, I., SWETTENHAM, K. V., and HATHORN, M. K. S.: Prevalence of asbestos bodies in a necropsy series in East London: association with disease, occupation, and domiciliary address, 16
Dusts, airborne, and dustiness in cotton, flax, and jute mills, comparative study of smooth muscle contractor activity, 289
——cotton, airborne, effect on guinea-pig ileum, reference to byssinosis, 239
——exposure in manual flax processing, Egypt, 147
——flax, role of family susceptibility and occupational and family histories in development of byssinosis, epidemiological study, 297
Dye industry, bladder tumours, Japan, epidemiological study, 203

E

EDWARDS, P. M.: Neurotoxicity of acrylamide and its analogues and effects of these analogues and other agents on acrylamide neuropathy, 31
EL-DAKHAKHNY, A-A., *see* NOWEIR, M. H. *et al.*
EL GHAWABI, S. H., GAAFAR, M. A., EL-SAHARTI, A. A., AHMED, S. H., MALASH, K. K., and FARES, R.: Chronic cyanide exposure: a clinical, radio-isotope and laboratory study, 215
EL-SADIK, Y. M., *see* NOWEIR, M. H. *et al.*
EL-SAHARTI, A. A., *see* EL GHAWABI, S. H. *et al.*

ELIAHOU, H. E., *see* REISIN, E. *et al.*
Environmental mutagens, *see* Mutagens, environmental
Exercise on stationary bicycle ergometer, circadian variation in physiological responses, 110

F

FAIRMAN, R. P., HANKINSON, J., IMBUS, H., LAPP, N. L., and MORGAN, W. K. C.: Pilot study of closing volume in byssinosis, 235, erratum 336
FARES, R., *see* EL GHAWABI, S. H. *et al.*
Farmer's lung, chest symptoms in farming communities, 228
Fatty acid, free, plasma concentrations, effect of single exposure to carbon disulphide, 140
Flax dust, role of family susceptibility and occupational and family histories in development of byssinosis, epidemiological study, 297
———comparison of smooth muscle contractor activity of airborne dusts and dustiness in mills, 289
———processing, manual, dust exposure, Egypt, 147
Forearms of lumberjacks, thenar muscle blood flow and bone mineral in, 11
FOX, A. J.: Classification of radiological appearance and the derivation of a numerical score, 273
FRANKLIN, D. W., *see* CINKOTAI, F. F. and FRANKLIN, D. W.
FUJIWARA, Y., *see* SATO, A. *et al.*

G

GAAFAR, M. A., *see* EL GHAWABI, S. H. *et al.*
GABOR, S. and ANCA, Z.: Effect of asbestos on lipid peroxidation in the red cells, 39
GETHING, J.: Tetramethyl lead absorption: a report of human exposure to a high level of tetramethyl lead, 329
GHAWABI, S. H. EL, *see* EL GHAWABI, S. H.
GILSON, J. C., *see* MORGAN, D. C. *et al.*
Glucose concentrations, effect of single exposure to carbon disulphide, 140
———metabolism, effect of hydrofluoric acid on, mouse studied by whole-body autoradiography, 316
———6-phosphate dehydrogenase deficient workers exposed to TNT, haemolytic episode, 54
Glutathione reductase system and δ-aminolevulinate dehydratase in erythrocytes, *in vivo* effect of inorganic cadmium and lead, 181

H

HANKINSON, J., *see* FAIRMAN, R. P. *et al.*
HARRINGTON, J. M.: Occupational health and safety in Great Britain 1973: notes and miscellanea, 247
HATHORN, M. K. S., *see* DONIACH, I. *et al.*
HERNBERG, S., *see* TOLONEN, M. *et al.*
Hiroshima, atomic bombing, absenteeism among survivors, 193
HOLT, P. F., *see* DOBREVA, M. *et al.*
Hydrofluoric acid, effect on glucose metabolism of mouse studied by whole-body autoradiography, 316

I

Ileum, effect of cotton dust on, guinea-pig, 239
IMBUS, H., *see* FAIRMAN, R. P. *et al.*
Industrial audiology and hearing conservation, course organized by Institute of Sound and Vibration Research, 23-26 September 1975, announcement, 174
Information section, MEDLARS, 83, 175, 254
INOUE, S., *see* MEIGS, J. W. *et al.*
Institute of Sound and Vibration Research, course on Industrial Audiology and Hearing Conservation, 23-26 September 1975, announcement, 174
International Conference on Environmental Mutagens, Second, Edinburgh, 11-15 July, 1977, announcement, 253
International Congress on Occupational Health, XVIII, 14-19 September 1975, Brighton, announcement, 174, 253
International Labour Office U/C Classification of radiological appearance, derivation of numerical score, 273
International Radiation Protection Association: IVth International Congress, Paris 24 to 30 April 1977, Radiation protection as an example of action against modern hazards, announcement, 316
International Symposium on Industrial Toxicology, Lucknow, 4-7 November 1975, announcement, 253
ISHIZU, S., *see* TSUCHIYA, K. *et al.*

J

JABŁOŃSKA, J. K., *see* WIŚNIEWSKA-KNYPL, J. M. *et al.*
JAFFE, R., *see* REISIN, E. *et al.*
JAGOE, J. R. and PATON, K. A.: Reading chest radiographs for pneumoconiosis, 267
Jute dust, comparison of smooth muscle contractor activity of airborne dusts and dustiness in mills, 289

K

KARJALAINEN, P., ALHAVA, E. M., and VALTOLA, J.: Thenar muscle blood flow and bone mineral in the forearms of lumberjacks, 11
KIHARA, T., *see* WATANABE, M. *et al.*
KIPLING, M. D. and WALDRON, H. A.: Percivall Pott and cancer scroti: notes and miscellanea, 244
KNYPL, J. M. WIŚNIEWSKA-, *see* WIŚNIEWSKA-KNYPL, J. M.
KURIMOTO, K., *see* WATANABE, M. *et al.*

L

Laboratory workers, toxic effects of 2, 3, 7, 8 tetrachlorodibenzo, 1, 4 dioxin, 49
LANGÅRD, S. and NORSETH, T.: A cohort study of bronchial carcinomas in workers producing chromate pigments, 62
LAPP, N. L., *see* FAIRMAN, R. P. *et al.*
LAUWERYS, R. R., *see* ROELS, H. A. *et al.*
Lead and cadmium, *in vivo* effect of glutathione reductase system and δ-aminolevulinate dehydratase in erythrocytes, 181
——in human tissues, comparison of concentrations, 119
——tetramethyl, absorption, high level exposure, report of a case, 329
LISTER, R. W., *see* MORGAN, D. C. *et al.*
Liver microsomal metabolism, effect of repeated exposure to aniline, nitrobenzene and benzene, rat, 42
Lumberjacks, thenar muscle blood flow and bone mineral in forearms, 11
Lung disease, occupational, recent progress, Romania, 164
——function, textile workers, 283

M

MALASH, K. K., *see* EL GHAWABI, S. H. *et al.*

MANDERSON, W. G., *see* BLACKADDER, E. S. and MANDERSON, W. G.

MEDLARS, information section, 82, 175, 254

MEIGS, C. R., *see* MEIGS, J. W. *et al.*

MEIGS, J. W., BLOT, W. J., INOUE, S., and MEIGS, C. R.: Absenteeism among survivors of the atomic bombing of Hiroshima, 193

Mills, cotton, flax and jute, dustiness, and airborne dusts, comparison of smooth muscle contractor activity, 289

MILNE, J. and BRAND S.: Occupational asthma after inhalation of dust of the proteolytic enzyme, papain, 302

MORGAN, D. C., SMYTH, J. T., LISTER, R. W., PETHYBRIDGE, R. J., GILSON, J. C., CALLAGHAN, P., and THOMAS, G. O.: Chest symptoms in farming communities with special reference to farmer's lung, 228

MORGAN, W. K. C., *see* FAIRMAN, R. P. *et al.*

MURAYAMA, N., *see* SATO, A. *et al.*

Mutagens, environmental, International Conference, Second, Edinburgh, 11-15 July 1977, announcement, 253

Myoglobinuria, and renal failure in toluene poisoning: notes and miscellanea, 163

N

NAKAJIMA, T., *see* SATO, A. *et al.*

NICHOLLS, P. J. and SKIDMORE, J. W.: Comparative study of the smooth muscle contractor activity of airborne dusts and of dustiness in cotton, flax, and jute mills, 289

Nitrobenzene, aniline, and benzene, effect of repeated exposure on liver microsomal metabolism, rat, 42

NORSETH, T., *see* LANGÅRD, S. and NORSETH, T.

NOWEIR, M. H., AMINE, E. K., and OSMAN, H. A.: Epidemiological investigation on the role of family susceptibility and occupational and family histories in the development of byssinosis among workers exposed to flax dust, 297

————EL-SADIK, Y. M., EL-DAKHAKHNY, A-A., and OSMAN, H. A.: Dust exposure in manual flax processing in Egypt, 147

NURMINEN, M., *see* TOLONEN, M. *et al.*

O

Occupational Health, XVII International Congress, 14-19 September 1975, Brighton, announcement, 174, 253

————and safety in Great Britain 1973: notes and miscellanea, 247

————lung diseases, recent progress in Romania: notes and miscellanea, 164

————medicine, purposes, 102

OKUBO, T., *see* TSUCHIYA, K. *et al.*

OLIVER, R. M.: Toxic effects of 2, 3, 7, 8 tetrachlorodibenzo, 1, 4 dioxin in laboratory workers, 49

OSMAN, H. A., *see* NOWEIR, M. H. *et al.*

P

Papain, dust, occupational asthma after inhaling, 302

PATON, K. A., *see* JAGOE, J. R. and PATON, K. A.

People and work, some contemporary issues, 93

PETHYBRIDGE, R. J., *see* MORGAN, D. C. *et al.*

PIOTROWSKI, J. K., *see* WIŚNIEWSKA-KNYPL, J. M. *et al.*

Pneumoconiosis, reading chest radiographs for computer, 267

Poly(2-vinylpyridine 1-oxide), syndiotactic and isotactic, adsorption on quartz surface, 224

POTT, PERCIVALL and cancer scroti: notes and miscellanea, 244

Professional people, rehabilitation needs, research programme, Management Centre, University of Bradford, 253

Q

Quartz surface, adsorption of syndiotactic and isotactic poly(2-vinylpyridine l-oxide) on, 224

R

Radiation protection, IVth International Congress, International Radiation Protection Association, Paris, 24 to 30 April 1977, announcement

Radiographs, chest, reading for pneumoconiosis by computer, 267

Radiological appearance, classification, and derivation of numerical score, 273

RAFFLE, P. A. B.: The purposes of occupational medicine, 102

Red cells, effect of asbestos on lipid peroxidation in, 39

Rehabilitation needs, professional people, research programme, Management Centre, University of Bradford, 253

REISIN, E., TEICHER, A., JAFFE, R., and ELIAHOU, H. E.: Myoglobinuria and renal failure in toluene poisoning: notes and miscellanea, 163

Renal failure and myoglobinuria in toluene poisoning: notes and miscellanea, 163

ROELS, H. A., BUCHET, J. P., LAUWERYS, R. R., and SONNET, J.: Comparison of *in vivo* effect of inorganic lead and cadmium on glutathione reductase system and δ-aminolevulinate dehydratase in human erythrocytes, 181

S

SADIK, Y. M. EL-, *see* EL SADIK, Y. M.

SAHARTI, A. A. EL-, *see* EL-SAHARTI, A. A.

SARGEANT, A. J., *see* DAVIES, C. T. M. and SARGEANT, A. J.

SATO, A., NAKAJIMA, T., and FUJIWARA, Y.: Determination of benzene and toluene in blood by means of a syringe-equilibration method using a small amount of blood, 210

————and MURAYAMA, N.: Kinetic studies on sex difference in susceptibility to chronic benzene intoxication—with special reference to body fat content, 321

SAYERS, M. H. P., *see* CERNIK, A. A., and SAYERS, M. H. P.

Scrotal cancer, described by Percivall Pott: notes and miscellanea, 244

SHIMADA, M., *see* WATANABE, M. *et al.*

SHIMMIN, S.: People and work: some contemporary issues, 93

SILVERMAN, A. P. and WILLIAMS, H.: Behaviour of rats exposed to trichloroethylene vapour, 308

SKIDMORE, J. W., *see* NICHOLLS, P. J. and SKIDMORE, J. W.

Smokers, and non-smokers, carboxyhaemoglobin levels, City of London, 115

Smooth muscle contractor activity of airborne dusts and of dustiness in cotton, flax, and jute mills, comparative study, 289
SMYTH, J. T., *see* MORGAN, D. C. *et al.*
Society of Toxicology: Annual scientific meeting, Atlanta, 14 to 18 March 1976, announcement, 336
SONNET, J., *see* ROELS, H. A. *et al.*
SWETTENHAM, K. V., *see* DONIACH, I. *et al.*
Syringe-equilibration method on benzene and toluene determination in blood, 210

T

TEICHER, A., *see* REISIN, E. *et al.*
Tellurium, occupational absorption, two cases, 59
2, 3, 7, 8 Tetrachlorodibenzo 1, 4 dioxin, *see* Dioxin
Tetramethyl lead absorption, high level exposure, report of a case, 329
Textile workers, lung function, 283
Thenar muscle blood flow and bone mineral in forearms of lumberjacks, 11
THOMAS, D. O., *see* MORGAN, D. C. *et al.*
TIITOLA, K., *see* TOLONEN, M. *et al.*
TNT, *see* Trinitroluene
TOLONEN, M., HERNBERG, S., NURMINEN, M., and TIITOLA, K.: A follow-up study of coronary heart disease in viscose rayon workers exposed to carbon disulphide, 1
Toluene and benzene, determination in blood, syringe-equilibration method, 210
———poisoning, myoglobinuria and renal failure in: notes and miscellanea, 163
Tolylene di-isocyanate, long-term effects on health of men engaged in manufacture, 72
Toxicology, annual scientific meeting Society of Toxicology, Atlanta, 14 to 18 March 1976, announcement, 336
———industrial, International Symposium, Lucknow, 4-7 November 1975, announcement, 253
Trichloroethylene vapour, behaviour of rats exposed to, 308
Trinitroluene (TNT), haemolytic episode in G6 PD deficient workers exposed to, 54
TSUCHIYA, K., OKUBO, T., and ISHIZU, S.: An epidemiological study of occupational bladder tumours in the dye industry of Japan, 203

U

URAGODA, C. G.: A clinical and radiographic study of coir workers, 66

V

VALIĆ, F., *see* ŽUŠKIN, E. *et al.*
VALTOLA, J., *see* KARJALAINEN, P. *et al.*
Ventilatory costs of activity, 220
Vibration hazards, DD 32: 1973 Guide to the Evaluation of Human Exposure to Whole-body Vibration, 82
Viscose rayon workers exposed to carbon disulphide, coronary heart disease, in, follow-up study, 1
VITANY, L., *see* DJERASSI, L. S. and VITANY, L.

W

WALDRON, H. A., *see* KIPLING, M. D. and WALDRON, H. A.
WATANABE, M., YOSHIDA, M., WATANABE, M., SHIMADA, M., KURIMOTO, K., and KIHARA, T.: Effect of hydrofluoric acid on glucose metabolism of the mouse studied by whole-body autoradiography, 316
WILLIAMS, H., *see* SILVERMAN, A. P. and WILLIAMS, H.
WIŚNIEWSKA-KNYPL, J. M., JABŁOŃSKA, J. K., and PIOTROWSKI, J. K.: Effect of repeated exposure to aniline, nitrobenzene, and benzene on liver microsomal metabolism in the rat, 42
Work, restructuring, some contemporary issues, 93

Y

YOSHIDA, Y., *see* WATANABE, M. *et al.*

Z

ŽUŠKIN, E., VALIĆ, F , BUTKOVIĆ, D., and BOUHUYS, A.: Lung function in textile workers, 283

British Journal of Industrial Medicine

Volume 32, 1975

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PRINTED IN ENGLAND BY EYRE & SPOTTISWOODE LTD, THANET PRESS, MARGATE, KENT

Contents

No. 1 *FEBRUARY 1975*

PAGE

A follow-up study of coronary heart disease in viscose rayon workers exposed to carbon disulphide M. TOLONEN, S. HERNBERG, M. NURMINEN, AND K. TIITOLA 1

Thenar muscle blood flow and bone mineral in the forearms of lumberjacks P. KARJALAINEN, E. M. ALHAVA, AND J. VALTOLA 11

Prevalence of asbestos bodies in a necropsy series in east London: association with disease, occupation, and domiciliary address I. DONIACH, K. V. SWETTENHAM, AND M. K. S. HATHORN 16

Neurotoxicity of acrylamide and its analogues and effects of these analogues and other agents on acrylamide neuropathy PHILIPPA M. EDWARDS 31

Effect of asbestos on lipid peroxidation in the red cells SILVIA GABOR AND ZOE ANCA 39

Effect of repeated exposure to aniline, nitrobenzene, and benzene on liver microsomal metabolism in the rat JUSTYNA M. WIŚNIEWSKA-KNYPL, JANINA K. JABŁONSKA, AND JERZY K. PIOTROWSKI .. 42

Toxic effects of 2,3,7,8 tetrachlorodibenzo 1,4 dioxin in laboratory workers R. M. OLIVER 49

Haemolytic episode in G6 PD deficient workers exposed to TNT L. S. DJERASSI AND L. VITANY .. 54

Occupational absorption of tellurium: a report of two cases E. S. BLACKADDER AND W. G. MANDERSON 59

A cohort study of bronchial carcinomas in workers producing chromate pigments S. LANGÅRD AND T. NORSETH 62

A clinical and radiographic study of coir workers C. G. URAGODA 66

Long-term effects on the health of men engaged in the manufacture of tolylene di-isocyanate W. G. F. ADAMS 72

Book reviews 79

Information section 83

No. 2 *MAY 1975*

People and work: some contemporary issues SYLVIA SHIMMIN 93

The purposes of occupational medicine P. A. B. RAFFLE 102

Circadian variation in physiological responses to exercise on a stationary bicycle ergometer C. T. M. DAVIES AND A. J. SARGEANT 110

Carboxyhaemoglobin levels of smokers and non-smokers in the City of London C. M. CASTLEDEN AND P. V. COLE 115

A comparison of concentrations of lead in human tissues P. S. I. BARRY 119

Effects of a single exposure to carbon disulphide on the rate of urea production and on plasma free fatty acid and glucose concentrations in the rat V. J. CUNNINGHAM 140

Dust exposure in manual flax processing in Egypt M. H. NOWEIR, Y. M. EL-SADIK, A. A. EL-DAKHAKHNY, AND H. A. OSMAN 147

Application of blood cadmium determination to industry using a punched disc technique A. A. CERNIK and M. H. P. SAYERS 155

Notes and miscellanea

Myoglobinuria and renal failure in toluene poisoning E. REISIN, A. TEICHER, R. JAFFE, AND H. E. ELIAHOU 163

Recent progress in the study of occupational lung diseases in Romania B. BARHAD, L. PILAT, AND D. TECULESCU 164

Book reviews 169

Information section 175

Contents

No. 3 *AUGUST 1975*

PAGE

Comparison of *in vivo* effect of inorganic lead and cadmium on glutathione reductase system and δ-aminolevulinate dehydratase in human erythrocytes H. A. ROELS, J. P. BUCHET, R. R. LAUWERYS, AND J. SONNET 181

Absenteeism among survivors of the atomic bombing of Hiroshima J. W. MEIGS, W. J. BLOT, S. INOUE, AND C. R. MEIGS 193

An epidemiological study of occupational bladder tumours in the dye industry of Japan K. TSUCHIYA, T. OKUBO, AND S. ISHIZU 203

Determination of benzene and toluene in blood by means of a syringe-equilibration method using a small amount of blood A. SATO, T. NAKAJIMA, AND Y. FUJIWARA 210

Chronic cyanide exposure: a clinical, radioisotope, and laboratory study S. H. EL GHAWABI, M. A. GAAFAR, A. A. EL-SAHARTI, S. H. AHMED, K. K. MALASH, AND R. FARES 215

The ventilatory cost of activity J. E. COTES 220

Adsorption of syndiotactic and isotactic poly (2-vinylpyridine 1-oxide) on quartz surface M. DOBREVA, N. DANCHEVA, AND P. F. HOLT 224

Chest symptoms in farming communities with special reference to farmer's lung D. C. MORGAN, J. T. SMYTH, R. W. LISTER, R. J. PETHYBRIDGE, J. C. GILSON, P. CALLAGHAN, AND G. O. THOMAS 228

Pilot study of closing volume in byssinosis R. P. FAIRMAN, J. HANKINSON, H. IMBUS, N. L. LAPP, AND W. K. C. MORGAN 235

An evaluation of effect of airborne dust from a cotton mill on the guinea-pig ileum with reference to byssinosis F. F. CINKOTAI AND D. W. FRANKLIN 239

Notes and miscellanea

Percivall Pott and cancer scroti M. D. KIPLING AND H. A. WALDRON 244

Occupational health and safety in Great Britain 1973 J. M. HARRINGTON 247

Book reviews 251

Information section 254

No. 4 *NOVEMBER 1975*

Reading chest radiographs for pneumoconiosis by computer J. R. JAGOE AND K. A. PATON 267

Classification of radiological appearance and the derivation of a numerical score A. J. FOX 273

Lung function in textile workers E. ŽUŠKIN, F. VALIĆ, D. BUTKOVIĆ, AND A. BOUHUYS 283

Comparative study of the smooth muscle contractor activity of airborne dusts and of dustiness in cotton, flax, and jute mills P. J. NICHOLLS AND J. W. SKIDMORE 289

Epidemiological investigation of the role of family susceptibility and occupational and family histories in the development of byssinosis among workers exposed to flax dust M. H. NOWEIR, E. K. AMINE, AND H. A. OSMAN 297

Occupational asthma after inhalation of dust of the proteolytic enzyme, papain J. MILNE AND S. BRAND 302

Behaviour of rats exposed to trichloroethylene vapour A. P. SILVERMAN AND H. WILLIAMS 308

Effect of hydrofluoric acid on glucose metabolism of the mouse studied by whole-body autoradiography M. WATANABE, Y. YOSHIDA, M. WATANABE, M. SHIMADA, K. KURIMOTO, AND T. KIHARA .. 316

Kinetic studies on sex difference in susceptibility to chronic benzene intoxication—with special reference to body fat content A. SATO, T. NAKAJIMA, Y. FUJIWARA, AND N. MURAYAMA .. 321

Tetramethyl lead absorption: a report of human exposure to a high level of tetramethyl lead J. GETHING 329

Book reviews 334

Information section 337

Index 354